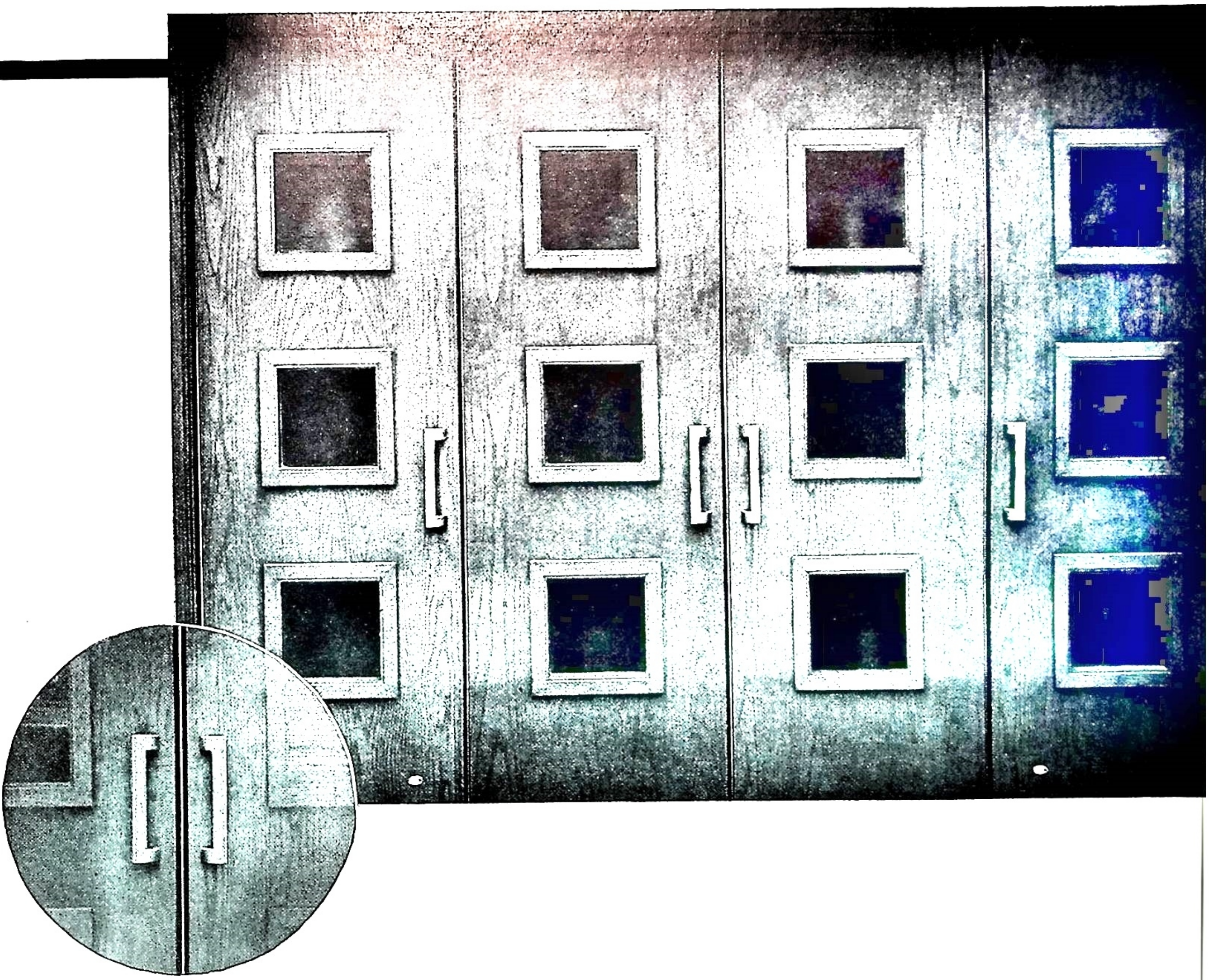
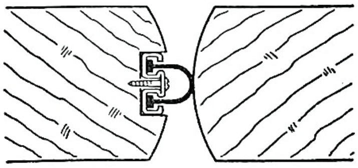
19b
Bau

Pi-R

SEALING STRIP

for weather stripping and sound proofing





HALF SIZE SECTION
THRU JOINT

Lewis J. Baumann, Inc., Baltimore, Maryland

EXIT DOORS SEALED!

Eliminate drafts from the crack between leaves of exit doors! Seal out the cold winds! Do away with complaints from clients! Pi-R is the answer to the leakage problem which has puzzled architects for many years.

Exit doors in theaters, schools, churches, stores, factories and other places of public assembly must be planned to permit quick exit in case of fire or panic. This means that each leaf must open promptly and *independently* of the other. Panic bolts and door closers take care of the action but until Pi-R was invented there was no satisfactory method or product to seal the crack which must be left between the door leaves if the doors are to open easily and quickly. Pi-R Sealing Strip does the job!

excludes cold, noise, water, light

Pi-R Seal combines two durable and moisture-resisting materials, rubber and aluminum, to form a perfect weatherstripping for doors and windows. It reduces the passage of air, water, noise, dust and odors. It has been successfully installed in many types of buildings. Because it does not hum or buzz in the wind, it is particularly suited for hospitals and theatres. Effectiveness of its seal reduces fuel and air conditioning costs. Sizes A and B are available in Neoprene, the DuPont synthetic rubber especially resistant to sunlight and oil or grease. The pliable rubber makes an exceptionally tight seal, adapting itself to any unevenness in rubber-to-metal, rubber-to-wood or rubber-to-rubber joints.

principles of Pi-R

The semi-circular Pi-R Sealing Strip has a large air space and great flexure. When the parts to be sealed come together with a direct thrust, Pi-R is pressed straight toward its base. When one part slides across the other, Pi-R takes a side swipe or tilt. Pi-R can withstand either type of action, because it is held down firmly by the non-corrosive aluminum base which grips the rubber along 100% of its length. In either case it provides a firm seal.

appearance

Where architectural appearance is important, Pi-R Seal is very pleasing. Its method of construction makes all fastenings invisible.

installation of Pi-R

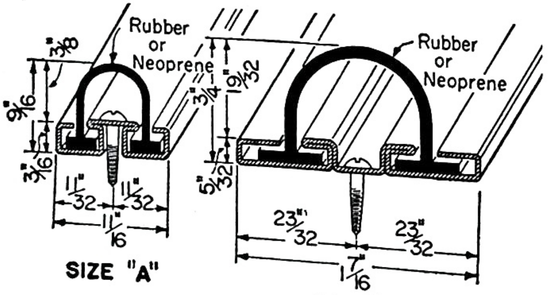
On new work, installation is usually made by the carpenter or weatherstripping contractor. Pi-R Seals are easily attached by means of screws driven through holes provided in the aluminum bases. The rubber strip is then slipped in place endwise. When Pi-R Seals are to be attached to metal parts, we suggest the use of self-tapping screws.

The following table is for determining clearances to be allowed for Pi-R installation.

	Approx. height of strip	Space to be provided for installation	Compression obtained
Size A	9/16"	1/2"	1/16"
Size B	3/4"	5/8"	1/8"

If extremely easy opening and closing is desired, allow slightly greater clearances.

types and sizes

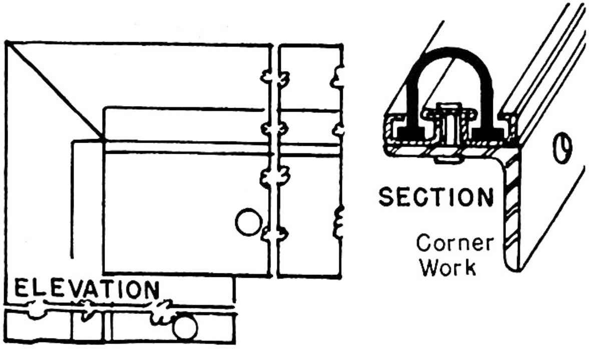


SIZE "A"

SIZE "B"

NOTE: Standard lengths are 8'-0". When lengths greater than 8'-0" are required, use two or more short lengths carefully butt-jointed.

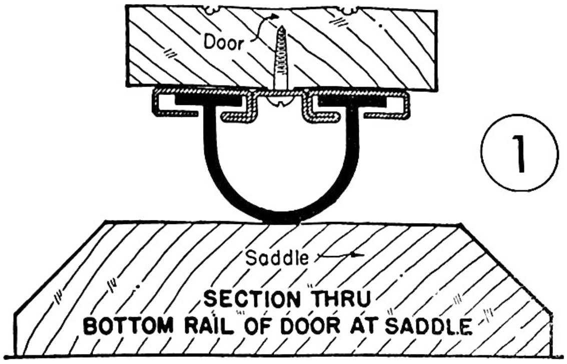
angle type

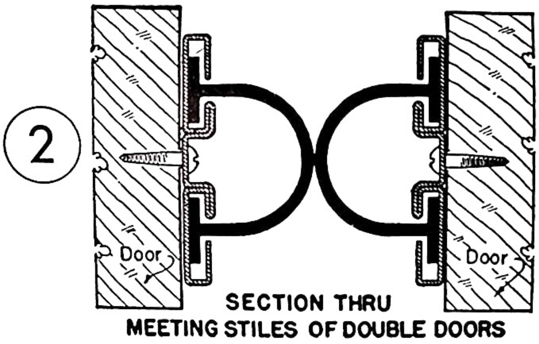


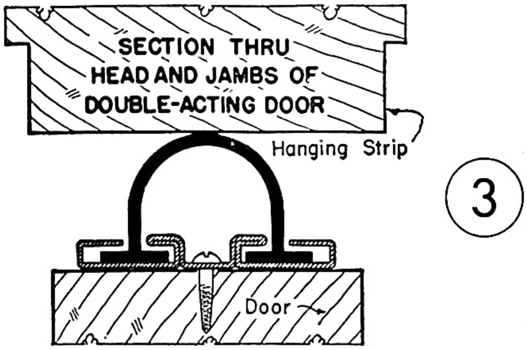
We can supply 3/4"x3/4"x1/16" Aluminum Angles with Size "A" Pi-R Seal attached.

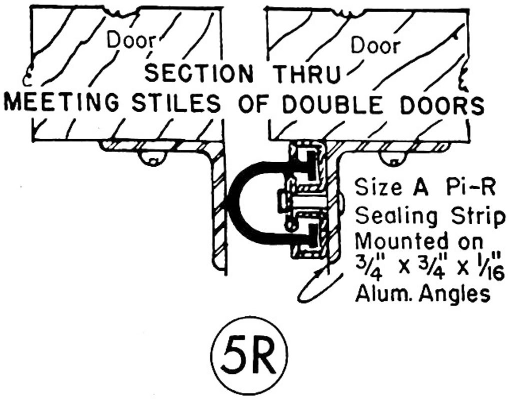
Pi-R SEALING STRIP

application details

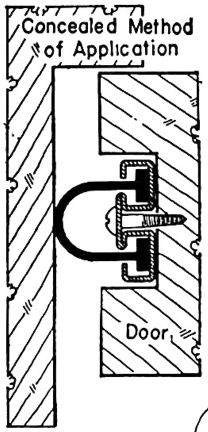






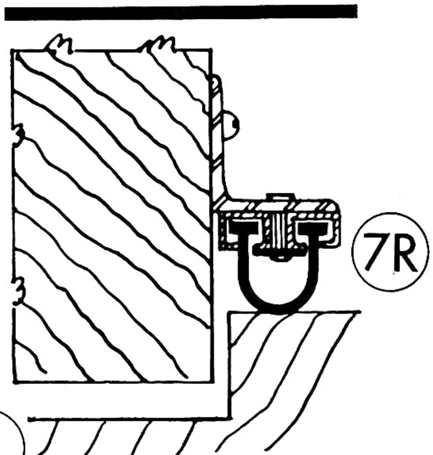


The angles permit mounting on face of door. They eliminate grooves in door edges, these being difficult when doors are metal or metal covered.



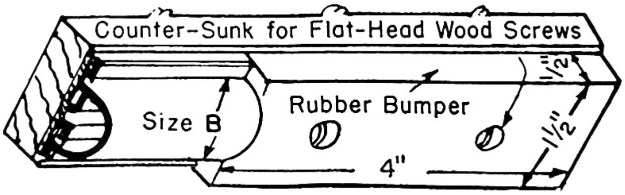
SECTION THRU
DOOR AT JAMB

6



JAMB & HEAD DETAIL

bumper and seal strip for wood or steel overhead garage doors or steel rolling doors



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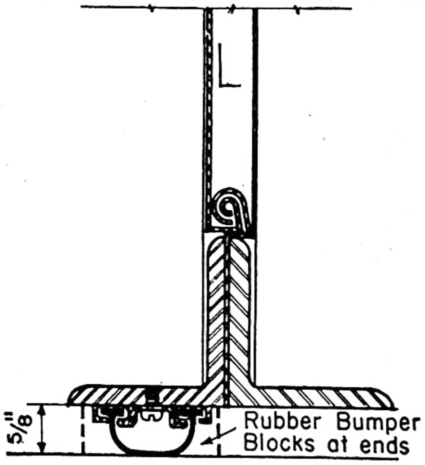
RUBBER BUMPERS CUSHION THE SHOCK OF FAST CLOSING DOORS



Pi-R SEALING STRIPS

specifications

Furnish and install Pi-R SEAL WEATHER-STRIPPING of neoprene rubber and aluminum as manufactured by LEWIS J. BAUMANN, INC., 508 St. Paul Street, Baltimore 2, Md. on (here specify which doors) as per manufacturer's detail No. (here specify details by manufacturer's numbers or detail on your drawings the installation method desired).

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partial list of users of Pi-R seals

U. S. Dept. of Agriculture, Plum Island Animal Disease Lab., Long Island, N. Y.
Francis E. Warren Air Force Base, Wyoming
U. S. Navy, Hawkins Point, Baltimore County, Md.
U. S. Hospital, Westover Field, Mass.
General Services Administration, Washington, D. C.
Medical Research Center, Aberdeen, Md.
Federal Works Agency, Washington, D. C.
U. S. Army Film Storage Bldg., Aberdeen, Md.
Army and Air Force Motion Picture Service, Wash., D. C.
Supplee Biddle Hardware Co., Philadelphia, Pa.
Albro Metal Products Co., Bronx, New York
Ansco, Binghamton, New York
Atlantic Metal Products, Inc., Long Island City, N. Y.
Art Metal Construction Co., Jamestown, N. Y.
Baltimore Gas & Electric Co., Baltimore, Md.
Easton National Bank, Easton, Md.
Emerson Electric Mfg. Co., St. Louis, Mo.
E. I. du Pont de Nemours, Seaford, Delaware
W. E. Dillon Co., Leaside, Ontario, Canada
Chamberlain Metal Weather Strip Co., Detroit, Mich.
Chapman Metal Products Co., Bronx, N. Y.
H. K. Ferguson Company, Cleveland, Ohio
Galesburg General Hospital, Galesburg, Ill.
Hippodrome Theatre, Baltimore, Md.
Hennepin County Home School for Boys, Glen Lake, Minn.
Johns Hopkins Hospital, Baltimore, Md.
Honolulu Sash & Door Co., Honolulu, Hawaii
Jamestown Metal Corp., Jamestown, N. Y.
Keeley Institute, Dwight, Illinois
Little Theatre, Baltimore, Md.
Landis Tool Company, Waynesboro, Penna.
Libby, McNeil & Libby, Chicago, Illinois
LaPorte Corporation, LaPorte, Indiana
Maryland State Roads Comm., Baltimore, Md.
Gerotor May Corp., Baltimore, Md.
Moore Business Forms, Snow Hill, Maryland
North American Rayon Corp., Elizabeth, Tenn.
Niedringhaus Metal Products Co., St. Louis, Mo.
Orpheum Theatre, Ada, Minn.
Otis Elevator Co., New York, N. Y.
Philipp Mfg. Co., Easthampton, Mass.
Peabody Institute, Baltimore, Md.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Richmond Fireproof Door Co., Richmond, Ind.
Richmond General Hospital, Chesterfield County, Va.
Research Corp., Bound Brook, N. J.
Ritz Theatre, Rock Island, Ill.
Ray Proof Corp., New York, N. Y.
St. Mary's Seminary, Baltimore, Md.
Shellmar Products Co., Mount Vernon, Ohio
Scottish Rite Temple, Baltimore, Md.
Suburban Bronze Works, College Point, N. Y.
Sylvania Industrial Corp., Fredericksburg, Va.
Security Fire Door Co., St. Louis, Mo.
Town Theatre, Baltimore, Md.
Union Memorial Hospital, Baltimore, Md.
Variety Fire Door Co., Chicago, Ill.
Williamsburg Steel Products, Brooklyn, N. Y.
J. G. Wilson Corporation, Norfolk, Va.
Washington Woodworking Co., Washington, D. C.

LEWIS J. BAUMANN, INC.

508 St. Paul Street • Baltimore 2, Maryland

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